| Index of Cl                   | aims       | Appl    | icatio | on No.       |   | Applicant(s) |
|-------------------------------|------------|---------|--------|--------------|---|--------------|
| ITIN ETITI ITTOIT IEINE BINIA |            | 10/7    | 96,27  | 74           |   | RICH ET AL.  |
|                               |            |         | niner  |              |   | Art Unit     |
| <u> </u>                      | 8885       | Mich    | elle   | Estrada      |   | 2823         |
|                               | (Through n | ımeral) |        |              | П |              |
| Rejected                      | Cancel     |         | N      | Non-Elected  | A | Appeal       |
| Allowed                       | + Restric  | ted     |        | Interference |   | Objected     |

| Cla                    | im       | Π  |          |              | -                                      | Dat          | e                                      |         |  |          | ]    | Cla   | im        |                   |          |          | C        | ate      | _        |          |          |             |          | Cla                    | aim        |          |          | _            | D        | ate      |          |          | _        |           |
|------------------------|----------|--|----------|--------------|--|--------------|--|---------|--|----------|------|-------|-----------|-------------------|----------|----------|----------|----------|----------|----------|----------|-------------|----------|------------------------|------------|----------|----------|--------------|----------|----------|----------|----------|----------|-----------|
|                        | al       | 8  | 01400    | F            |  |              | Γ                                      | Γ       |  |          | -:   | ı     | al        |                   |          | I        |          |          |          |          |          |             |          | _                      | la l       |          | - 1      | -            | Ì        |          |          | 1        | 1        |           |
| Final                  | Original | 12/10/04   | 14       | ŀ            |  |              |  | 1       |  |          |      | Final | Original  |                   |          |          | İ        |          |          |          |          |             |          | Final                  | Original   | -        |          | -            |          |          |          |          | ı        |           |
| "                      | ŏ        | 12   | 103      |              |  |              |  | 1       |  | 1        |      | Ľ.    | ō         |                   |          |          | ı        |          |          |          |          |             | *        | •                      | ō          |          | - 1      | - [          | ı        | ı        | ı        |          |          |           |
| ├                      | 1        | 1  | V        | -            | ╁                                      | ╁            | ┢                                      | ╁╌      | ╁╴   | $\vdash$ |      |       | 51        | $\vdash$          | $\dashv$ | +        | ┪        | $\dashv$ | ┪        | _        | ᅱ        | $\neg \neg$ |          |                        | 101        | 寸        | 十        | 7            | _        | 7        | ┪        | $\dashv$ | 十        | ┪         |
|                        | 2        | 1  |          |              | t                                      | 1            | $\vdash$                               | T       |  | T        | 1    |       | 52        | $\Box$            | ヿ        | T        | T        | ヿ        | $\neg$   |          | ヿ        |             | ;        |                        | 102        |          |          |              |          |          |          |          | $\Box$   |           |
|                        | 3        | 1  |          |              |  | Г            | T                                      | T       | 1  |          |      |       | 53        |                   |          |          |          |          |          |          |          |             | • •      |                        | 103        | $\Box$   | $\Box$   | $\Box$       |          |          |          |          | $\Box$   |           |
|                        | K        | 0  |          |              |  |              |  |         |  |          |      |       | 54        |                   | $\Box$   | $\Box$   |          |          | $\Box$   | $\Box$   |          |             |          |                        | 104        |          |          |              | $\Box$   | $\Box$   |          | _        | $\dashv$ | Ц         |
|                        | 5        | 0  | <b>V</b> | L            |  |              |  | _       | L  | <u> </u> |      |       | 55        | Ц                 | _        | _        | _        | _        | _        | _        | _        |             |          |                        | 105        |          | 4        | 4            | 4        | 4        | _        | _        | 4        | 4         |
| $\square$              | 6        | 0  | ¥        | ╙            | $oxed{igspace}$                        | <u> </u>     | ــــــــــــــــــــــــــــــــــــــ | ↓_      | ┡  | <b> </b> |      |       | 56        | $\square$         | $\dashv$ | 4        | _        |          | -        |          | _        |             | ı        |                        | 106        |          | $\dashv$ | 4            | $\dashv$ | $\dashv$ | -        | $\dashv$ | +        | -         |
|                        | 7        | 0  | 3        | ┝            |  | ╀            | ╀                                      | ╀       | ⊢  | ⊢        |      |       | 57        | $\dashv$          | $\dashv$ | 4        | -        |          | $\dashv$ | -        | -        | $\dashv$    |          |                        | 107<br>108 | -        | -        | +            | $\dashv$ | -        | -        | -+       | +        | $\dashv$  |
| $\vdash$               | 8<br>9   | 4  |          | ⊢            | ⊢                                      | ⊢            | ⊢                                      | ┿       | ╁  | ⊢        |      |       | 58<br>59  | $\vdash$          | $\dashv$ | +        | -        | $\dashv$ | ┥        | ╌╢       | $\dashv$ | $\dashv$    | : ;      |                        | 109        | ┥        | $\dashv$ | $\dashv$     | $\dashv$ | +        | -        | +        | +        | $\dashv$  |
| $\vdash$               | 10       | 1  |          | ┝            | ╫                                      | ╁╌           | ╁                                      | ╁       | ╁╌   | ⊢        |      |       | 60        | $\vdash$          | $\dashv$ | ┪        | $\dashv$ | ┪        | ┪        | ᅥ        | -        |             | ٠.       | _                      | 110        | $\dashv$ | $\dashv$ | $^{+}$       | ┪        | +        | ┪        | ╅        | 十        | ┪         |
|                        | 11       |  |          | $\vdash$     |  | $\vdash$     | ╁                                      | +       | $\vdash$   | $\vdash$ | -    |       | 61        | $\vdash$          | -        | +        | ┪        | ┪        | ┪        | -        | -        | $\dashv$    | : (      |                        | 111        | 寸        | $\dashv$ | 寸            | $\dashv$ | $\dashv$ | ┪        | _        | 十        | ┪         |
|                        | 1/2      | ö  | t        |              | †                                      | 1            | t                                      | T       | $\vdash$   | Т        | 1: . |       | 62        |                   | $\dashv$ | 寸        | ᅥ        | 7        | ᅥ        | ヿ        |          | $\vdash$    |          |                        | 112        |          | _        | 1            |          | 丁        | T        | 一        | $\top$   | $\exists$ |
|                        | 13       | ō  | V        | Г            | 1                                      | T            | T                                      | 1       | 1  | T        | 1    |       | 63        |                   | 丁        | _†       |          | ⇉        |          | ╛        |          |             |          |                        | 113        |          |          | I            |          | ⇉        |          |          | $\Box$   |           |
|                        | 14       | 0  | V        |              |  |              | Γ                                      | Γ       |  |          | ]    |       | 64        |                   |          | I        | ▔        |          |          |          |          |             |          |                        | 114        | $\Box$   | I        | $\Box$       | $\Box$   | $\Box$   |          | $\Box$   | $\bot$   | 긔         |
|                        | 15       | 4  | 1        |              |  |              |  |         | L  | L        |      |       | 65        |                   |          | $\perp$  | $\perp$  |          | _        | _        |          |             | .]       |                        | 115        | _        | _        | 4            | 4        | 4        | _        | 4        | 4        | 4         |
|                        | 16       | L  | Ļ        | $oxed{oxed}$ | $oxed{igspace}$                        | ╙            | ┖                                      | $\perp$ | ╙  | $\vdash$ | -    |       | 66        | $\sqcup$          | _        | 4        | _        | 4        | 4        | _        | _        | Ш           |          |                        | 116        | _        | $\dashv$ | $\dashv$     | 4        | _        | _        | 4        | +        | 4         |
| $\vdash$               | 17       | ╙  | _        | _            | ┡                                      | <u> </u>     | ┞                                      | ╁       | ╄-   | ┡        |      |       | 67        | $\dashv$          | 4        | 4        | 4        |          |          | -        | $\dashv$ | Н           |          |                        | 117        | -        | +        | +            | 4        | -        | 4        | -        | +        | $\dashv$  |
| <u> </u>               | 18       | -  | ▙        | <u> </u>     | ⊢                                      | ╄            | ـ                                      | ╀       | ┼-   | ⊢        |      |       | 68<br>69  | Н                 | $\dashv$ | 4        | -        |          | -        |          | $\dashv$ | Н           | , s      |                        | 118<br>119 | $\dashv$ | +        | $\dashv$     | ┥        | -+       | -        | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u>               | 19<br>20 | ⊢  | ╁        | ┝            | ╁                                      | ┢            | ╁                                      | ╁       | ╁  | ├        |      |       | 70        | $\vdash \vdash$   | $\dashv$ | +        | $\dashv$ | $\dashv$ | ┥        | $\dashv$ | $\dashv$ | Н           | 9        |                        | 120        | -        | $\dashv$ | +            | ┪        | ᆉ        | -        | $\dashv$ | 7        | $\dashv$  |
| <u> </u>               | 21       | ⊢  | ╁╌       | H            | ╁                                      | ╁            | ╁                                      | ╁       | ╁  | ⊢        | ŀ    |       | 71        | Н                 | $\dashv$ | ┪        | ┪        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -           |          | -                      | 121        | $\dashv$ | 十        | ┪            | ┪        | ᅱ        | ┪        | $\dashv$ | 十        | $\dashv$  |
| <b>—</b>               | 22       | t  | ┢        | ┢            | $\vdash$                               | t            | 十                                      | ╁╌      | ╁  | ┢        | 1    |       | 72        | H                 | 寸        | 7        | 7        |          | 一        | 一        | _        |             | ٠, .     |                        | 122        | ┪        | 十        | ┪            | ┪        | 7        |          | 7        | $\dashv$ | $\neg$    |
|                        | 23       | t  | T        | ┢            | 1                                      | T            | Т                                      | T       | <del>                                     </del> | T        |      |       | 73        | П                 | 寸        | 7        | ┪        |          |          |          | $\neg$   |             | ÷        |                        | 123        | 寸        | ヿ        | 1            | 寸        | $\neg$   |          |          | $\top$   |           |
|                        | 24       |  |          |              |  |              |  |         |  |          |      |       | 74        |                   |          | $\Box$   |          |          |          |          |          |             |          |                        | 124        |          | $\Box$   | $\Box$       | $\Box$   | $\Box$   |          |          | $\Box$   |           |
|                        | 25       |  |          |              |  |              |  |         |  |          |      |       | 75        |                   |          | $\Box$   |          |          | _]       | $\Box$   |          |             |          |                        | 125        |          | _        | $\Box$       | $\dashv$ | $\perp$  |          | _        | $\dashv$ | _         |
|                        | 26       |  |          | _            | L                                      | L            | L                                      | _       |  |          |      |       | 76        | Ш                 | _        | 4        | _        | _        | _        | _        | _        |             |          |                        | 126        | _        | 4        | 4            | 4        | -        | _        | 4        | 4        | 4         |
|                        | 27       | _  | _        | _            | L                                      | ļ_           | ₽                                      | ╄       | _  |          |      |       | 77        | Н                 | 4        | 4        | 4        | 4        | _        |          |          | ш           |          |                        | 127        |          | 4        | 4            | 4        | 4        | 4        | 4        | +        | $\dashv$  |
|                        | 28       | ⊢  | -        | ┡            | ┡                                      | ⊢            | ▙                                      | ╀       | ⊢  | -        |      |       | 78<br>79  | $\longrightarrow$ | $\dashv$ | $\dashv$ | ┩        | $\dashv$ | $\dashv$ | -        | -        |             |          |                        | 128<br>129 | -+       | +        | +            | $\dashv$ | $\dashv$ | -        | +        | +        | $\dashv$  |
| <u> </u>               | 29<br>30 | ⊢  | ⊢        | ┝            | ┞                                      | ╀            | ╀                                      | ╀       | ╀  | ├        |      |       | 80        |                   | +        | $\dashv$ | ┥        | -1       |          |          | $\dashv$ | -i          |          |                        | 130        | $\dashv$ | +        | $\dashv$     | ┥        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u>               | 31       | ⊢  | ╁        | ┝            | ⊢                                      | ╁            | ┼                                      | ╁╌      | ╁  | ┢        | 1    |       | 81        | $\dashv$          | $\dashv$ | ┥        | ┪        |          |          |          | -        | $\dashv$    |          |                        | 131        | -        | -        | ┪            | ┪        | ┪        | $\dashv$ | +        | +        | $\dashv$  |
| $\vdash$               | 32       | $\vdash$   | $\vdash$ | $\vdash$     | H                                      | $\vdash$     | H                                      | 1       | $\vdash$   | $\vdash$ | 1    |       | 82        | $\vdash$          | $\dashv$ | +        | ┪        | -        | +        | $\dashv$ | $\dashv$ | H           |          |                        | 132        | $\dashv$ | $\dashv$ | 寸            | +        | $\dashv$ | _        | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash$               | 33       | H  | $\vdash$ | $\vdash$     | $\vdash$                               | $\vdash$     | t                                      | Т       | 1  | <u> </u> |      |       | 83        | H                 | 7        | 1        | ┪        | 寸        | ┪        | $\dashv$ | -        | Н           |          |                        | 133        | _        | 寸        | 7            | ┪        | 1        | 寸        | 1        | $\dashv$ | $\exists$ |
| •                      | 34       |  |          |              | Π                                      |              |  | Γ       |  |          |      |       | 84        |                   |          | 亅        | J        |          |          |          |          |             |          |                        | 134        |          |          | I            |          |          |          |          | $\Box$   |           |
|                        | 35       |  |          |              | 匚                                      |              |  |         | Γ  | 匚        | ]    |       | 85        |                   |          | $\Box$   | $\Box$   | $\Box$   |          |          |          |             |          |                        | 135        |          | $\bot$   | Ţ            | $\dashv$ | $\perp$  |          | $\bot$   | $\perp$  | _]        |
|                        | 36       | Ĺ  | L        | L            | oxdot                                  | $oxed{\Box}$ | L                                      | L       | <u> </u>   | L        |      |       | 86        | Ц                 | [        | _        | _        | ļ        | _        | _        | _        |             |          |                        | 136        | _        | _        | 4            | 4        | 4        | _        | $\dashv$ | 4        | 4         |
|                        | 37       | <u> </u>   | <u> </u> | <u> </u>     | ▙                                      | ـ            | $\vdash$                               | ⊢       | ┞  | _        |      |       | 87        | $\sqcup$          | _        | 4        | 4        | _        | _        | 4        | _        | Н           |          |                        | 137        | 4        | -+       | 4            | 4        | -        | 4        | 4        | +        | 4         |
| $\vdash \vdash \vdash$ | 38       | <u> </u>   | ⊢        | -            | ├-                                     | ⊬            | ┞                                      | ⊬       | ╀-   | ┞        |      |       | 88        | Н                 | $\dashv$ | 4        |          |          | -        | ᅱ        | -1       | $\vdash$    |          |                        | 138        |          | -+       | +            | 4        | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash\vdash$         | 39<br>40 | -  | -        | $\vdash$     | $\vdash$                               | $\vdash$     | $\vdash$                               | ╁       | 1  | $\vdash$ |      |       | 89<br>90  | $\vdash$          | +        | +        | $\dashv$ | -+       | ᅱ        | -        | ᅱ        | Н           | ٠.       |                        | 139<br>140 |          | $\dashv$ | +            | ┥        | +        | ┥        | $\dashv$ | +        | $\dashv$  |
|                        | 41       | -  | -        | $\vdash$     | $\vdash$                               | ╁            | +                                      | ╁       | ╁  | $\vdash$ | -    |       | 91        | $\vdash \vdash$   | +        | ┥        | $\dashv$ | $\dashv$ | ᅱ        | $\dashv$ | ┥        | Н           | ٠        |                        | 141        | -+       | +        | ┰            | ┥        | -+       | ┥        | -+       | +        | $\dashv$  |
| $\vdash$               | 42       | <del> </del>                                     | ╁╴       | -            | <del> </del>                           | $\vdash$     | t-                                     | t       | 十  | -        |      |       | 92        | $\vdash$          | $\dashv$ | +        | $\dashv$ | 7        | ᅥ        | ┪        | 7        | $\vdash$    |          |                        | 142        | -1       | -        | ┪            | $\dashv$ | 7        | ┪        | $\dashv$ | +        | ᅱ         |
| М                      | 43       | <del>                                     </del> | $\vdash$ | Т            | Г                                      | Τ            | T                                      | T       | ⇈  | Г        |      |       | 93        | $\Box$            | 十        | 7        | 7        | 寸        | $\neg$   | ┪        | $\neg$   | П           |          |                        | 143        | 7        |          | 7            |          |          |          |          | ⇉        | 7         |
|                        | 44       |  |          |              |  |              |  | L       | L  |          | -    |       | 94        |                   |          |          |          |          |          |          |          |             | . 1      |                        | 144        |          |          |              |          |          |          |          | $\Box$   |           |
|                        | 45       |  |          |              |  |              |  | $\Box$  |  |          |      |       | 95        |                   | $\Box$   | I        | $\Box$   | Π        |          |          |          |             | t.<br>Li |                        | 145        | $\Box$   | $\Box$   | ightharpoons |          | $\Box$   |          | $\Box$   | $\bot$   | ⅃         |
|                        | 46       | Ľ  | 匚        |              | 匚                                      | 匚            |  | $\Box$  | $\Box$   |          | :    |       | 96        |                   | $\dashv$ | Ţ        | _]       | _]       | $\Box$   | $\Box$   | $\Box$   |             |          |                        | 146        | Ц        | $\perp$  | $\perp$      | $\Box$   | _[       | _[       | $\Box$   | $\perp$  | _         |
|                        | 47       | <u> </u>   | <u> </u> | L            | <b> </b>                               | $\vdash$     | lacksquare                             | ┡       | <b> </b>   | L        | [ ]  |       | 97        | $\sqcup$          | 4        | 4        | _        | _        | _        | _        | _        | Щ           | . •      |                        | 147        | _        | $\dashv$ | 4            | _        | 4        | _        | -        | 4        | 4         |
| $\vdash \vdash$        | 48       | L  | ⊢-       | <u> </u>     | -                                      | ├-           | $\vdash$                               | ╄       | ╀  | <u> </u> |      |       | 98        | $\vdash \vdash$   | -        | 4        | 4        | 4        |          | _        | 4        | $\dashv$    |          |                        | 148        | -+       | +        | +            | $\dashv$ | -+       | 4        | -+       | +        | $\dashv$  |
| $\vdash\vdash\vdash$   | 49<br>50 | -  | -        | -            | $\vdash$                               | -            | -                                      | ╀       | ├-   | ⊢        | ·    |       | 99<br>100 | $\vdash$          | -+       | +        | -        |          |          | -        | $\dashv$ | $\dashv$    |          | $\vdash \vdash \vdash$ | 149<br>150 |          | ┰        | +            | +        | +        | -        | $\dashv$ | +        | $\dashv$  |
|                        | _ວບ      | <u> </u>   | Ц.       | L            | ــــــــــــــــــــــــــــــــــــــ | <u> </u>     | 1                                      |         |  |          | ı    |       | 100       | ш                 | _1       |          |          |          |          |          |          |             |          |                        | 130        |          |          |              |          |          | 1        | _1       |          |           |